

**MARK-UP PAGES FOR THE FEBRUARY 26, 2003, AMENDMENT TO  
U.S. PATENT APPLICATION SER. NO. 09/881,489**

*The replacement for claim 1 resulted from the following changes:*

- 1     1.     (Amended)   A direct methanol fuel cell system comprising:  
2             a direct methanol fuel cell including  
3                 an anode [including an anode flow field plate];  
4                 a cathode [including a cathode flow field plate];  
5                 a membrane electrode assembly including a protonically conductive mem-  
6                 brane having first and second surfaces on which catalysts are disposed,  
7                 anode and cathode diffusion layers disposed, respectively, on said cata-  
8                 lysts;  
9             a source of neat or concentrated methanol;  
10            [a pump coupled to said methanol source and said anode for pumping fuel to said  
11            anode flow field plate];  
12            a conduit coupled to said methanol source and to one or more valves for deliver-  
13            ing neat or concentrated methanol to [a flow field provided by] said anode [flow field  
14            plate]; and  
15            a controller coupled to said one or more valves and, responsive to an increase in  
16            demand for output power from said fuel cell, operating to actuate one or more of said  
17            valves to allow neat or concentrated methanol to [enter said flow field] be delivered to  
18            said anode.